

MINUTES

FM 434688-1 FIU University City

90% foundation component plans

90% Substructure component Plans

Date | time 6/30/2016 10:30 AM |

In Attendance

Figg Engineering: Dwight Dempsey, Denney Pate, and Manuel Feliciano; FDOT: Teddy Theryo, Tom Andres, and Robert Robertson; FIU: Alberto Delgado

Background and Objective of Meeting

Both the 90% foundation and substructure component submittals were rejected by FDOT because of the following requirements were not included in the packages:

- PPM Exhibit 26-DD requires that all 90% Foundation and Substructure Component Submittals include additional details and backup information necessary to substantiate the loading from the superstructure and significant outstanding comments were provided to Figg in April, 2016 regarding the superstructure.
- PPM 26.3.2 and PPM 26.12 requires that an independent peer review be performed and included in the 90% Foundation and Substructure Component Submittal Packages.

The objective of the meeting was to discuss the outstanding superstructure comments with the goal of releasing the foundation and substructure plans for construction ASAP.

Meeting Outcome/Resolution/Action Items

- Figg agreed to send FDOT a copy of the Project RFP. Figg sent the RFP to FDOT on July 1, 2016.
- FDOT agreed that the outstanding superstructure issues were primarily detailing issues that would not change the substructure/foundation loads substantially.
- Figg indicated most of the foundations elements had demand versus capacity ratio reserves of 8% or more except for the NE type 7 foundation which Figg agreed to increase in size.
- Figg proposed to resubmit the substructure/foundation component submittals but include demand versus capacity ratios for the various components for FDOTs review.
- FDOT indicated that they would review the RFP requirements regarding the independent peer review. On July 5, 2016, FDOT reviewed the RFP for independent peer review requirements. Pgs. 27 and 28 of 51 of the RFP states the following:

Prior to submittal to the OWNER, bridge plans shall have a peer review analysis by an independent engineering firm not involved with the production of the design or plans, prequalified in accordance with Chapter 14-75. The peer review shall consist of an independent design check, a check of the plans, and a verification that the design is in accordance with AASHTO, FDOT, and other criteria as herein referenced. The cost of the peer review shall be incurred by the Design-Build Firm. The independent peer review engineer's comments and comment responses shall be included in the 90% plans submittal. At the final plans

submittal, the independent peer review engineer shall sign and seal a cover letter certifying the final design and stating that all comments have been addressed and resolved.

Therefore an independent peer review performed by an independent engineering firm per the requirements of the RFP and the PPM is required.

Other Issues Discussed

- FDOT and Figg both agreed that a face-to-face meeting prior to the 90% superstructure submittal would be beneficial for the project.
- FDOT agreed to review a pre-90% cursorily superstructure submittal and to provide feedback prior to the formal 90% submittal.